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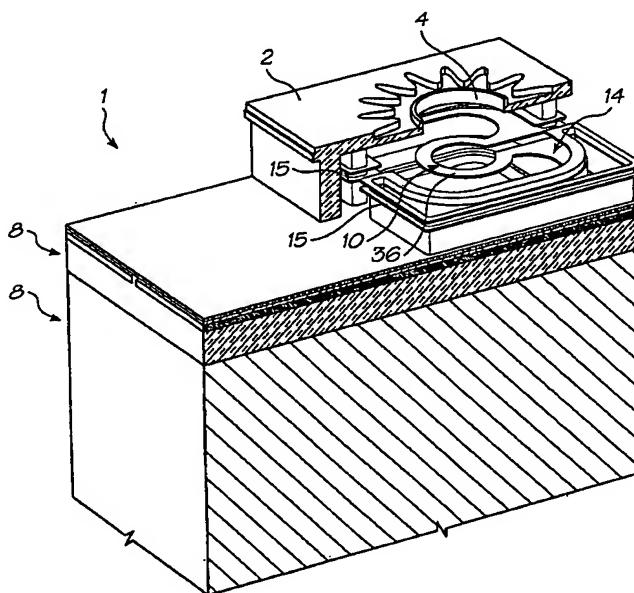
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(54) Title: **THERMAL INK JET PRINthead WITH LOW HEATER MASS**



(57) Abstract: There is disclosed an ink jet printhead which comprises a plurality of nozzles and one or more heater elements (10) corresponding to each nozzle. Each heater element (10) is configured to heat a bubble forming liquid in the printhead to a temperature above its boiling point to form a gas bubble therein. The generation of the bubble causes the ejection of a drop of an ejectable liquid (such as ink) through the respective corresponding nozzle (3), to effect printing. Each heater element includes solid material and is configured so that, when heated, a mass of less than 10 nanograms of that solid material is heated for heating the bubble forming liquid.

WO 2004/048106 A1